

# EVENTS AND ACTIVITIES



DEPARTMENT OF MATHEMATICS  
GURU JAMBHESHWAR UNIVERSITY  
OF SCIENCE & TECHNOLOGY  
HISAR

1. National Conference on “Mathematical Modelling and Simulation” was organized by Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar during March 20-21, 2010



2. National Workshop on “Computational Mathematics” was organized by Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar on March 26, 2011





3. National Conference on “MATHEMATICS AND ITS APPLICATIONS IN SCIENCE & TECHNOLOGY (MAST16)” was organized by Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar during November 10-11, 2016. More than 120 participants including faculty members, research scholars and students participated and presented their research work in the Conference.

**Accommodation**  
Limited accommodation is available in the University. Interested participants may confirm in advance (upto 05.11.2016) from the organizers about their stay arrangements.

**Important Dates**  
 Deadline for submission of Paper/Abstract : **November 05, 2016**  
 Registration fee to be paid before : **November 05, 2016**  
 Conference dates : **November 09-10, 2016**

**Paper Submission**  
Participant who are presenting paper in the conference are requested to email the soft copy of the manuscript in the MS Word format to [mast16gu@gmail.com](mailto:mast16gu@gmail.com) latest by **November 05, 2016**.

**Mode of Research Paper Presentation (Any One)**  
 (i) Oral presentation  
 (ii) Poster presentation  
 Time allotted is 10-15 minutes for presentation.


**General Outline for Manuscript**  
Figures, tables and photographs with their captions may be placed anywhere in the text. However each paper should be organized as follows: Title, Author(s), Abstract, Text, Acknowledgement, Tables, Figures and Photographs (if not included in text), Appendices (optional), References. Text of the manuscript should be in Times New Roman font with 12 font size and 1.25 inch margin on all sides of A4 size paper.

**Conference Venue**  
**Seminar Hall, Ch. Ranbir Singh Auditorium, Guru Jambheshwar University of Science & Technology, Hisar, 125001 (Haryana)**

**Advisory Committee**

Prof. Tankeshwar Kumar - Chief Patron Vice Chancellor, GJUS&T Hisar Dr. Anil Kumar Pandey - Patron Registrar, GJUS&T Hisar Prof. Kuldeep Bansal - Co-Patron, GJUS&T Hisar Prof. Sunita Pannu - Convener, GJUS&T Hisar Prof. Devender Mohan - Dean, FPS&T, GJUS&T, Hisar Prof. S.K. Tomar, PU, Chandigarh Prof. B.K. Dass, University of Delhi, New Delhi Prof. H.R. Wason, IIT, Roorkee Prof. Tarun Das, University of Delhi, New Delhi Prof. D.S. Hooda (Retd.), HAU, Hisar Prof. J.B. Dahiya, GJUS&T, Hisar	Prof. Shesh Lata Goyal, GJUS&T, Hisar Prof. P.R. Sharma, Uni. of Rajasthan, Jaipur Prof. Vikas Sharma, HP University, Shimla Prof. Rajneesh Kumar (Retd.), KU, Kurukshetra Prof. S.B. Singh, Punjab University, Patiala Prof. Ram Karan, KU, Kurukshetra Prof. B.K. Hooda, HAU, Hisar Prof. J.S. Sikka, MDU, Rohtak Prof. Aseem Miglani, CDJ, Sirsa Prof. R. C. Nautiyal, DCRUST, Murthal Prof. A. K. Vashistha, KJ, Kurukshetra Prof. Manja Pruthi, IGU, Meerpur Prof. Renu Ghugh, MDU, Rohtak
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**NATIONAL CONFERENCE**  
ON  
**MATHEMATICS AND ITS APPLICATIONS IN SCIENCE & TECHNOLOGY**  
(MAST16)  
November 09-10, 2016




Organized by  
**DEPARTMENT OF MATHEMATICS**  
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR-125001  
Website: [www.gjust.ac.in](http://www.gjust.ac.in)

**Contact Persons:**

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<b>Dr. Kapil Kumar</b> (Organizing Secretary) E-mail: <a href="mailto:kapikalkal_gju@rediffmail.com">kapikalkal_gju@rediffmail.com</a> Mobile: 09416303875, 01662-2633670	<b>Dr. Pankaj Kumar</b> (Organizing Secretary) E-mail: <a href="mailto:joshipankajkumar@gmail.com">joshipankajkumar@gmail.com</a> Mobile: 09416478023, 01662-2633680



**Local Organizing Committee**  
 Prof. Kuldeep Bansal (Co-Patron)  
 Prof. Sunita Pannu  
 Prof. Sunita Pannu (Convener)  
 Prof. M.K. Sharma (Co-Convener)  
 Dr. Kapil Kumar (Organizing Secretary)  
 Dr. Pankaj Kumar (Organizing Secretary)  
 Ms. Renu Muwal  
 Dr. Virender Singh  
 Mr. Rakesh Kumar  
 Mr. Sandeep Singh Sheeran



**Objective of the Conference**  
Mathematics and its Applications in Science & Technology provide a unique window of opportunity to raise interdisciplinary researches and importance of the effective implementation of Mathematics in various branches of sciences. In this connection, Department feels proud to announce the **National Conference on "Mathematics and its Applications in Science & Technology"** in providing a forum for Mathematicians and Engineers from various parts of the country for scientific discussions on the above theme in GJUS&T Hisar, Haryana during **November 09-10, 2016**. MAST16 may serve as an excellent platform to inculcate research interest among young minds on variety of subject including following:

**Conference Subjects**

<ul style="list-style-type: none"> <li>• Mathematical Modeling</li> <li>• Mechanics of Solids &amp; Fluids</li> <li>• Computational Fluid Dynamics</li> <li>• Numerical Analysis</li> <li>• Seismology</li> <li>• Operation Research</li> <li>• Statistical Methods &amp; Optimization</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Applications &amp; Graph Theory</li> <li>• Photonics</li> <li>• Atmospheric Science &amp; Oceanography</li> <li>• Real and Functional Analysis</li> <li>• Algebra and Number Theory</li> <li>• Applied Mathematics and Computing</li> <li>• Applications of Mathematics in Engineering</li> </ul>
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**Registration Details**  
Registration for the conference can be done by filling the enclosed registration form. Candidate may submit it by e-mail on [mast16gu@gmail.com](mailto:mast16gu@gmail.com) or may send to organizing secretaries at [kapikalkal\\_gju@rediffmail.com](mailto:kapikalkal_gju@rediffmail.com) or [joshipankajkumar@gmail.com](mailto:joshipankajkumar@gmail.com).

**Registration Fee**

Faculty Member/Delegate of University/ Education Institute	Rs.1500/-
Research Scholars/ PG Students	Rs.1000/-
Accompanying Person	Rs.1000/-

• Only boarding and lodging facilities will be provided to accompanying persons.

**Payment Procedure for Registration Fee:**  
Registration fee can be paid in cash (in the Department of Mathematics) or through Demand Draft in favour of **Convener, National Conference MAST16**, payable at Hisar or through online payment in a Bank Account given as under  
 Name of Bank: Punjab National Bank  
 Account No.: 4674000100039415  
 IFSC Code: PUNB0467400  
 MICR No.: 125024063





# National Conference on Mathematics and its Applications in Science & Technology (MAST16)

November 09-10, 2016

*Venue: Seminar Hall-1, Ch. Ranbir Singh Auditorium*

Organized by  
**Department of Mathematics**

Guru Jambheshwar University of Science & Technology  
Hisar-125001, Haryana (India)





4. 21st International Conference of International Academy of Physical Sciences (CONIAPS XXI) on “Symbiotic Development of Mathematical, Physical, Chemical & Computational Sciences” & Symposium on “Recent Advances and Future Directions on Mathematics in Bio-Sciences” was organized by Department of Mathematics, GJUS&T, Hisar during October 28-30, 2017. More than 240 participants including faculty members, research scholars and students participated and presented their research work in the Conference.

**Advisory Committee**  
**Patron** – Prof. Tameshwar Kumar – IAS, Hisar, India  
**Vice-Chancellor, GJUS&T, Hisar, India**  
**Prof. K.B. Paodeva, Former Vice-Chancellor, JRH University, Chitlaokor, GERSUC Moscow, Russia**  
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**Registrar, GJUS&T, Hisar**  
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**Prof. Vinay Gupta, Dept. of Mathematics**  
**Convener** – Prof. Mahesh Kumar Sharma  
**Chairman, Dept. of Mathematics, Co-Convener**  
**Prof. Devendra Kumar, Dept. of Chemistry**  
**Prof. Neeraj Dibalghi, Dept. of Bio & Nano Tech.**  
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**Dept. of Physics**  
**Joint Organizing Secretaries**  
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**Dr. Kapil Kumar, Dept. of Mathematics**  
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**Prof. (Mrs.) Sujata Sangha, Dept. of Physics**  
**Prof. (Mrs.) Sunita, Dept. of Chemistry**  
**Prof. Fakhri Dhan, Dept. of Physics**  
**Prof. Sami Sharma, Dept. of Pharmaceutical Sciences**  
**Dr. Dharmendra Kumar, Dept. of CSE**  
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**Dr. A. Sunkat, Dept. of Physics**  
**Dr. Vikas Verma, Dept. of Chemistry**  
**Dr. Kishan Lal, Dept. of Chemistry**  
**Sh. Vinod Goyal, DDE**  
**Ms. Renu, Dept. of Mathematics**  
**Ms. Mahesh Kumar, Head UIC**

**About IAPS**  
 International Academy of Physical Sciences (IAPS) was founded with its headquarters at Allahabad on December 4, 1994 with the views and objective for providing a common platform to meet the growth of scientific technological knowledge and the experience of its applications for the betterment of human society. Since its inception, IAPS is sincerely working for the promotion of scientific and academic researches, providing an international platform to bring as well as established researchers of our nation. The council of IAPS works hard in bringing forward the young scholars by awarding ‘Young Scientist Award’ in the subjects of Physics, Chemistry, Mathematics, Computer Science, Geography and Geophysics. IAPS also confer ‘Fellowship’ of the Academy to senior researchers/scientists from India and Abroad in the subjects of physical sciences for their outstanding research work of international repute. Till the year 2015 IAPS has honored 54 researchers/scientists with its ‘Fellowship Award’ and 56 researchers with ‘Young Scientist Award’.

**Executive Council of International Academy of Physical Sciences**  
**President** – Prof. K. B. Paodeva, Allahabad  
**Vice-Presidents** – Prof. H. S. Dhami, Aligarh (Uttar Pradesh)  
**Prof. P. K. Sharma, Japur (Rajasthan)**  
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**Dr. M. K. Gupta, Bhopal (Chhattisgarh)**  
**Dr. Bharat Dhoika, Surat (Gujarat)**  
**Dr. Yumara Roben, Imphal (Manipur)**

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**Mobile: +91-9416476022**

**Aims and Objectives of the Conference**  
 The aim of the conference is to enhance the strong relationship between the scientific and technological community. The conference provide a platform to bring together leading scientists, researchers and students from around the world to exchange knowledge and share advanced research in the development of the subjects that are encompassing in physical science. The main features of the conference are Keynote Address, Fellowship Award Lectures, Sivanji Jajbhavani Sarawati Vedic Science Award Lecture and other plenary lectures, invited lectures, young scientists award presentations and paper presentations (oral and poster). Few special sessions may also be organized by senior scientists.

**21<sup>st</sup> International Conference**  
**of**  
**International Academy of Physical Sciences**  
**(CONIAPS XXI)**  
**on**  
**“Symbiotic Development of Mathematical, Physical, Chemical & Computational Sciences”**  
**&**  
**Symposium on**  
**“Recent Advances and Future Directions on Mathematics in Bio-Sciences”**  
**October 28-30, 2017**

**Organized by**  
**Department of Mathematics**  
**Guru Jambheshwar University of Science & Technology**  
**Hisar-125001 (Haryana), India**  
**Email: coniapsexvi@gmail.com**  
**http://guonline.ac.in/coniapsexvi**

**About the University**  
 Guru Jambheshwar University of Science and Technology started its journey on October 28, 1994 under Jyotirmay State Legislative Act No. 17 of 1993 at Hisar, Haryana State of India to impart education on the frontiers of Technology, Pharmacy, Environmental Studies, Non-conventional Energy Sources, Mass Media and Management Studies. During journey of 21 years University has achieved many outstanding goals in all dimensions that are expected from University of high standards. The University is recognized by the University Grants Commission (UGC), Under Section 2(f) & 12(B).  
 The lush green landscape of the University spread over three hundred twenty two acres on which 18 Teaching Departments are classified in 7 Faculties are functioning with full potential. These are umbrella of seven Faculties. University offers 43 Regular Programmes in Campus with Ph.D. Degree programme in all PG Departments. The University also offers 17 Programmes through Distance Mode that are approved by the Joint Committee of UGC, AICTE and DEC. The National Assessment and Accreditation Council (NAAC), Bangalore has accredited this University at ‘A’ Grade three times consecutively since 2002. The state-of-the-art research facilities support to faculty and students by the University through grants received from UGC-SAP, DST-FIST, PURSE programme, DDF, MHRD, World Bank, DAC, MIDW, DIDD, NEM, DEC, MUVCC etc. University is bestowed with an excellent Library, ultra modern Auditorium & seminar hall, research laboratories equipped with advanced apparatus and instrument and sport complex, etc.

**About the Department**  
 Department of Mathematics was established in the year 1995 with M.Sc. and Ph.D. programme. Dual Degree B.Sc.Hons-M.Sc. Mathematics came into existence from the session 2016-17. Mechanics of Solids, Fluid Dynamics, Bio-fluid Dynamics, Boundary Layer Flow, Porous Media Flow, Wave Propagation, Potentiometry, Thermodynamics, Coding Theory, Algebra are some fields of research in which Faculty Members of the Department are supervising students for Ph.D. work and a significant research work has been carried out in these fields. The intake in M.Sc. programme is 30 and in Dual degree B.Sc. honours-M.Sc. Maths intake is 30 students. The M.Sc. programme is of two years which is divided into four Semesters. More than 60 students of this Department have cleared the NET/JRF Test.

**About Hisar**  
 Hisar is a city in the state of Haryana in northwestern India, and it is also headquarters of Hisar District. Hisar was founded as Hisar-e-Feroz Shah (Tughlaq) in 1354 AD. Hisar is an educational hub and growing swiftly towards a modern city. Guru Jambheshwar University of Science & Technology (formerly Guru Jambheshwar University), CCS Haryana Agricultural University, Jala Talwar Institute of Veterinary and Animal Sciences (JUVAS), ICAR-Central Institute for Research on Buffaloes, National Research Centre on Equines are some premier names in the field of scientific/technical studies and researches. Historically it is an important site of Indian civilization and river Saraswati. The ancient Ajanta town (Ajanta Malwa) is located at 20 Km. from the Hisar city.

**How to reach Hisar**  
 It is well connected by rail and roads to many major cities of northern and western part of the India. The nearest airport is Indira Gandhi International Airport, Delhi at road distance about 175 Km. The road distance of Hisar is about 170 Km from Delhi on Delhi-Rohini-Hisar-Sars-Fazila National Highway (NH-10) and at a distance of about 230 Km from Chandigarh on NH-63. Some main trans passing through Hisar are Amritsar-Ajmer Express, Chandigarh-Ajmer, Ludhiana-Hisar, Jind-Jamshedpur Express connecting Delhi-Hisar-Sars-Bharatnagar, Gorakhpur Express that connects Gorakhpur-Lucknow-Kampur-New Delhi-Hisar.

**Call for Paper**  
 Original contributions are solicited on a topic related to Physics, Chemistry, Mathematics, Statistics, Computer Science & Information Technology and Earth & Environmental Science (Geophysics, Geology and Geography), as well as topics related to applications of physical sciences to bio-science (Biophysics, Biochemistry, Biostatistics/Bioinformatics etc.) are invited for oral/poster presentation. Abstract/Manuscript of the paper may be uploaded on <http://guonline.ac.in/coniapsexvi>.

**Abstract**: Each abstract 150 word only of maximum 300 words, typed in 12 font size in Times New Roman font having 15 line spacing is to be sent to [coniapsexvi@gmail.com](mailto:coniapsexvi@gmail.com). It must contain the title of paper, names(s) of the author(s) with affiliation(s), name of presenting author must be underlined and email id(s). The hard copy of the abstract registration form and proof of paid registration fee must also be sent to Convener (CONIAPS XXI) or Organizing Secretary, CONIAPS XXI so as to reach latest by October 10, 2017. All submitted conference full length papers will be peer reviewed and accepted papers may be published in the Journal of IAPS.

**Important dates for submission**  
 (i) Full-Text Paper for Young Scientist Award (YSA): October 04, 2017  
 (ii) Abstract / Full-Text paper other than for YSA: October 04, 2017

**Eligibility for Young Scientist Award (YSA)**: The registered research scholar competing for the YSA must not crossed the age of 35 years on October 30, 2017 excluded from the Recent Promotion Certificate. Candidates for YSA have to submit Full Text paper along with the age proof and proof of paid registration fee. Papers for YSA should not be authored by more than two co-authors.

**Registration Fee**

Category	Registration Fee upto 10.10.2017
Delegates from India and SAARC Countries (Additional INR 2500 for each Accompanying Person)	INR 3000/-
Research Scholars/Students from India and SAARC Countries (Additional INR 1500 for each Accompanying Person)	ENR 2000/-
Delegates from other than SAARC Countries (Additional USD 150 for each Accompanying Person)	USD 150 or Equivalent

Registration Fee can be paid in cash or through Demand Draft in favour of CONVENOR, CONIAPS XXI payable at Hisar or through online payment in Punjab National Bank (PNB) Hisar-150001. Bank details are: SB A/C No.: 4474000100044581 IFSC Code : PUNB0474000 Your details (Name & Registration Number) must be mentioned on the overleaf of Demand Draft or in the remark column of online remittance.

Delegates registered after 10.10.2017 or on the spot will be provided breakfast, lunch, dinner, conference material (subject to availability but not to accompanying persons) and they have to make their own stay arrangements.

Delegates registered upto 10.10.2017 will be provided accommodation (on demand, first-come first served basis), conference material (except accompanying person), breakfast, lunch and dinner.  
 A rebate of 10% in registration fee for life members of the IAPS.

**Registration Form and Fee** are mandatory for all participants. Inclusion of Abstract-Full Paper/Abstract Booklet will only be considered thereafter.  
 Abstract-Full Paper received after 04.10.2017 will not be included in Abstract Booklet. But such delegates will be given chance for oral poster presentation.  
 The proof of paid registration fee and filled registration form must also be sent to coniapsexvi@gmail.com so as to reach latest by 10.10.2017.  
 The registration fee in the category of Research Scholar/Student will be considered on production of relevant proof.  
 Certificate of Paper presentation will be issued only to the presenter. Multiple presentations shall not be allowed for a single paper.  
 A delegate may present more than one paper on an additional payment of 20% of registration fee for each additional paper.

**Expected Speakers**

Prof. Anand P. Pathak IIT (R.GUKT) Bikaner, India Dr. Chandra Prakash BAPS Mumbai, India Dr. R.K.Kotnala CSIR-NPL, New Delhi, India Prof. C.P. Kanshal BAPS Mumbai, India Prof. P. N. Pandey, R.S.C. AU, Allahabad, India Prof. P.R. Sharma UOR, Japur, India Prof. P. G. Siddheshwar Bangalore University, India Prof. K.K. Sharma IIT Delhi, India Prof. M.N. Boyan University of Montpellier, France Prof. Anant H. Pillay GERSUC Moscow, Russia Prof. O.D. Mahabadi Stellenbosch University, South Africa Dr. N. Siddiqui University of Ulster, Magee Campus, UK Prof. Anuja Nagar Liverpool Hope University UK Prof. J. Prakash University of Botswana, Botswana Prof. N. R. Gang MII, Hyderabad, India Prof. B.A. Datta IIT, Delhi, India	Prof. Vinay Gupta IIT, Delhi, India Prof. AKMishra IMS Chennai, India Prof. P.K.Bajpai GVV, Bilaspur, India Prof. Sanjay Mandali ISER, Mohali, India Prof. Arul Goyal CSIR, OERI, Lucknow, India Prof. P.K. Adhikari EPU, Surata, India Prof. H.R. Wasm IIT Roorkie, India Prof. S.K. Tomar PU Chandigarh, India Prof. Subhendu Gaoth IIT, Delhi, India Prof. V.K. Kishor IIT Roorkie, India Prof. Daya Shankar Pandey IIIT, Varanasi, India Prof. Bhanu Shankar GU Hyderabad, India Prof. A.K. Vaidhyan KIT, Kurnool, India Prof. Ananta Mishra NCU, Bialagra, India CDLU, Sirsa, India Prof. Divakar Pandey C. C. S. University, Meerut, India Prof. T. Venkatesh IUCI, Bangalore, India Prof. A.K. Sharma DCRUST, Kurath, India Prof. Dilip Kumar IISCT, Patna, (Bihar), India
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5. A Workshop on “The Usefulness and Popularity of Vedic Mathematics” was organized jointly by Training and Placement Cell & Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar on November 14, 2018 at Chaudhary Ranbir Singh Auditorium. About 200 students from different departments of the university participated in the workshop.





6. On the Occasion of National Mathematics Day, the Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar in collaboration with Vigyan Bharti (VIBHA), Hisar and Haryana State Council for Science, Innovation & Technology, Panchkula, Haryana organized a National Workshop on “History, Development and Applications of Mathematical Sciences” on December 22, 2020 through online mode. About 260 participants participated in the workshop.



The poster features a central portrait of Srinivasa Ramanujan. The background is a light beige color with a subtle pattern of mathematical symbols like pi, infinity, and numbers. The text is centered and uses various colors (green, red, black) and fonts (serif, sans-serif, cursive) to highlight different parts of the announcement. The entire poster is framed by a decorative golden border with intricate floral and geometric patterns.

**"AN EQUATION MEANS NOTHING TO ME UNLESS IT EXPRESSES A THOUGHT OF GOD"**  
**SRINIVASA RAMANUJAN**  
(1887-1920)

**Department of Mathematics**  
Guru Jambheshwar University of Science & Technology, Hisar  
and  
VIBHA, Hisar (Haryana)

In Collaboration with  
**Haryana State Council for Science, Innovation & Technology**

*Celebrates National Mathematics Day*

By Organizing  
**National Workshop**  
(Through Online Mode)

on  
**History, Development and Applications of Mathematical Sciences**  
22<sup>nd</sup> December, 2020

**About National Mathematics Day**  
National Mathematics Day is observed on December 22 every year to mark the birth anniversary of legendary Indian mathematician, Srinivasa Ramanujan. The mathematics day is celebrated to promote the magnificent tradition of Indian mathematics. Ramanujan is remembered for his contributions to mathematical analysis, infinite series, continued fractions and number theory. He also discovered his own theorems and compiled as many as 3900 results independently. In 1917, Ramanujan was elected to be a member of the London Mathematical Society. In 1918, he also became a Fellow of the Royal Society, becoming one of the youngest to achieve the feat. In his short life, Ramanujan had a wealth of ideas that have transformed and reshaped 20<sup>th</sup> century mathematics.

**About the Event**  
The main objective of the workshop is to celebrate and appreciate the contribution of Mathematics Wizard Srinivasa Ramanujan and to inspire mathematicians to take up high end research in the field of mathematics. The workshop also provides online platform to discuss ideas, developments and applications covering various aspects of mathematical sciences. The academic sessions consist of invited talks/lectures on the topics such as: vedic mathematics, contribution of Ramanujan to mathematics and recent developments in mathematics.

**Important details:**

Last date of registration: 21.12.2020  
Link for online registration: <https://forms.gle/bgyFx7JgkxSWjCev6>  
Google meet link for workshop: <https://meet.google.com/vru-ruxe-hvg>

**FOR ANY QUERY CONTACT:**

<b>Dr. Kapil Kumar Kalkal</b> Chairperson 94163-03875	<b>Prof. Sunita Srivastava</b> President, VIBHA, Hisar 98764-37838	<b>Dr. Renu Muwal</b> Convener 94168-80160	<b>Dr. Sandeep Singh Sheoran</b> Convener 94660-37643
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Email: [nmdgjumath@gmail.com](mailto:nmdgjumath@gmail.com)

**Note: Certificate will be provided to the registered participants.**

*Department of Mathematics*  
*Guru Jambheshwar University of Science & Technology, Hisar*  
*and*

*Vigyan Bharti (VIBHA), Hisar (Haryana)*

In Collaboration with  
Haryana State Council for Science, Innovation & Technology  
Celebrates

*National Mathematics Day*

By Organizing  
*National Workshop (Through Online Mode)*

on

*History, Development and Applications of Mathematical Sciences*

*December 22, 2020*

*Tentative Schedule*

Time	Name	Event
10:00 am-10:05 am	<b>Dr. Kapil Kumar Kalkal</b> Chairperson Dept. of Mathematics, GJUS&T, Hisar	<b>Welcome address and brief introduction about event</b>
10:05 am-10:10 am	<b>Prof. Sunita Srivastava</b> President VIBHA, Hisar	<b>Brief introduction about VIBHA</b>
10:10 am-10:20 am	<b>Dr. Avnesh Verma</b> Registrar, GJUS&T, Hisar	<b>Guest of Honour address</b>
10:20 am-10:30 am	<b>Prof. Tankeshwar Kumar</b> Hon'ble Vice Chancellor GJUS&T, Hisar	<b>Chief Guest Address</b>
10:30 am-11:30 am	<b>Dr. Kailash Vishwakarma</b> Associate Professor Dept. of Physics BNPG College, Hamirpur	<b>Invited Talk on</b> <i>"Vedic Mathematics: A Boon for Mankind"</i>
11:30 am-12:30 pm	<b>Prof. H.R. Wason</b> Former Emeritus Fellow IIT, Roorkee	<b>Invited Talk on</b> <i>"General orthogonal regression and unbiased estimation when both variables are subject to error"</i>
12:30 pm-1:30 pm	<b>Prof. D.S. Hooda</b> Honorary Professor Dept. of Mathematics GJUS&T, Hisar	<b>Invited Talk on</b> <i>"Ramanujan: His Life and Contributions"</i>
1:30 pm	<b>Prof. Kuldeep Bansal</b> Dept. of Mathematics, GJUS&T, Hisar	<b>Vote of Thanks</b>

Join workshop through the **ZOOM** link:

[https://us02web.zoom.us/j/89391307779?pwd=UUM1WE9RN\(EFqcXN'V63N\(uSFN'N01RQTO9](https://us02web.zoom.us/j/89391307779?pwd=UUM1WE9RN(EFqcXN'V63N(uSFN'N01RQTO9)

Meeting ID: 89391307779

Passcode: 680157



# NATIONAL MATHEMATICS DAY

9

## Fourth Method

**Ekadhikena Purvena** (One more than previous d

(a)  $35^2$  (b)  $95^2$  (c)  $395^2$  (d)

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 $35^2 = 1225$

(b)  $95^2 = (9 \times 10) \mid (5 \times 5)$

(c)  $395^2 = (39 \times 40) \mid (5 \times 5)$

(d)  $5005^2 = (500 \times 501) \mid (5 \times 5)$

(e)  $65^2 = (6 \times 7) \mid (5 \times 5)$

**Vedic Mathematics: A boon for m**



7. UGC sponsored Two-week Online Subject Refresher Course on “Mathematics & Statistics” was organized by Department of Mathematics and UGC- Human Resource Development Centre, GJUS&T, Hisar during January 14-27, 2021.

# ENDEAVOUR

**UGC sponsored Two-week Online Subject Refresher  
Course on Mathematics and Statistics  
w.e.f. 14.01.2021 to 27.01.2021**



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE  
Guru Jambheshwar University of Science & Technology  
Hisar-125 001 (Haryana)  
(‘A’ Grade NAAC Accredited)**



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SRC- Maths & Stats 2021

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8. On the Occasion of National Mathematics Day, the Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar organized a National Workshop on “Differential Equations and its Applications” on February 2, 2024 sponsored by Haryana State Council for Science, Innovation & Technology, Panchkula, Haryana.

**GURU JAMBHESHWAR UNIVERSITY**  
**OF SCIENCE AND TECHNOLOGY, HISAR**  
(ESTABLISHED BY STATE LEGISLATURE ACT 17 OF 1995)  
'A+' GRADE NAAC ACCREDITED

DEPARTMENT OF MATHEMATICS  
Invites you for  
**Celebration of National Mathematics Day-2023**

Sponsored by :  
Haryana State Council for  
Science Innovation & Technology

Srinivasa Ramanujan

February 02, 2024  
Timing : 10:30 am onwards

Venue :  
Seminar Hall-1, CRS Auditorium

**Keynote Speaker**  
  
**Prof. H.R. Wason**  
I.I.T., Roorkee

**Chief Guest**  
  
**Prof. Narsi Ram Bishnoi**  
Vice-Chancellor, GJUST, Hisar

**Guest of Honour**  
  
**Prof. Vinod Chhokar**  
Registrar, GJUST, Hisar







9. UGC sponsored Two-Week (Hybrid mode) Subject Refresher Course on “Mathematics” was organized by Department of Mathematics and Malaviya Mission Teacher Training Centre, GJUS&T, Hisar during September 02-14, 2024.



**MALAVIYA MISSION TEACHER TRAINING CENTRE (MMTTC)**  
(Erstwhile UGC-Human Resource Development Centre)  
Guru Jambheshwar University of Science & Technology, Hisar, Haryana

**Greetings from MMTTC!!**

**It's great to announce about the upcoming Two Week Offline  
Subject Refresher Course on Mathematics  
September 02 to 14, 2024**

**=> Who Should Attend?**

- Faculty members of Mathematics and Statistics disciplines of Higher Educational Institutions who have already attended Faculty Induction Programme.

**📌 Registration Process:**

- Apply in **online mode through** <https://forms.gle/TakFfJLJitec2FPv5> or through Malaviya Mission Centre (MMC), <https://mmc.ugc.ac.in/>
- **Forwarding/NOC/Permission** from the host institution after submission of the application is mandatory. Applicants are required to send the same from their registered mail id to [mmttc@gjust.org](mailto:mmttc@gjust.org)  
Link for Forwarding/NOC/Permission:  
[https://drive.google.com/file/d/1iAGurxP4EFGNJWHppVduE\\_yWBBF7Z7kp/view?usp=sharing](https://drive.google.com/file/d/1iAGurxP4EFGNJWHppVduE_yWBBF7Z7kp/view?usp=sharing)
- Application should reach us by **August 22, 2024**.
- No **Registration Fee**.
- The selection of the participants will be done strictly as per the guidelines and norms of UGC.
- The programmes is **full time**. Timings are from 9:30 AM to 5:00 PM daily and attendance is **mandatory in all sessions**.
- If required number of participants i.e. **Minimum 40** is not available in a specific programme/course, it may be re-scheduled/cancelled at any point of time.

**📞 Contact Information:**

- Phone No.: 01662-263572 • Email ID: [mmttc@gjust.org](mailto:mmttc@gjust.org) • Webpage: <https://gjust.ac.in/hrdc/>

**★ Join us for an enriching learning experience! ★**

**Prof. Sunita Rani**  
Director

**Prof. Pankaj Kumar**  
Programme Coordinator

**Dr. Sunita Rani**  
Programme Coordinator



